

Palm Oil MSC

Class Activity Materials

Game Moves

Standard Moves:

Smallholder Moves:

- Develop Farm Land
- Sell Land to Company
- Enter plasma scheme with Company
- Partner with Conservationist to create Protected Forest

Company Moves:

- Buy land from Smallholder to develop oil palm plantation
- Enter plasma scheme with Smallholder
- Become RSPO certified*

Conservationist Moves:

- Partner with Smallholder to establish Protected Forest
- Launch campaign to raise awareness of environmental issues and hurt Company profits*

Dice Events:

Conservationist Campaign

- Can be run ONCE per year
- When a campaign is launched, the Conservationist rolls the dice
 - EVEN = Successful campaign
 - Conservationist + \$400
 - Company - \$3000
 - ODD = Failed campaign
 - Conservationist -\$200

RSPO Certification

- When a company becomes RSPO certified, it becomes immune to Conservationist Campaigns.
- The cost of certification is \$1500 upfront paid by the Company
- In addition there is a \$100 fee per Plantation plot:
 - The Company must pay the fee for Company Plantation plots.
 - The Smallholders must pay for the Plasma Plantation plots. They have three options:
 - Cover the cost in full.
 - Negotiate with the Company and the Conservationist for financial support to cover the cost.
 - Lie about getting certified. To lie, the Smallholder rolls the dice.
 - EVEN = Successful Lie
 - Get certified status for free.
 - ODD = Get Caught
 - Smallholder -\$200. Get certified status.

Game Tiles



Peat Forest

Can't Be Built

One-Time Effects | Annual Effects

+90,000 kgCO₂e when converted. +0 kgCO₂e



Company Plantation

One-Time Effects | Annual Effects

See Land Tile +6,000 kgCO₂e
Smallholder +\$60 Smallholder +\$0
Company -\$3000 if on Forest. Company +\$1000
Company -\$2000 if on Peat.



Forest

Can't Be Built

One-Time Effects | Annual Effects

+45,000 kgCO₂e when converted. +0 kgCO₂e



Plasma Plantation

One-Time Effects | Annual Effects

See Land Tile +6,000 kgCO₂e
Smallholder -\$20 Smallholder +\$30
Company -\$1000 if on Forest. Company +\$500
Company -\$500 if on Peat.



Farm

One-Time Effects | Annual Effects

+15,000 kgCO₂e when converted. +2,000 kgCO₂e
Smallholder -\$10 Smallholder +\$10

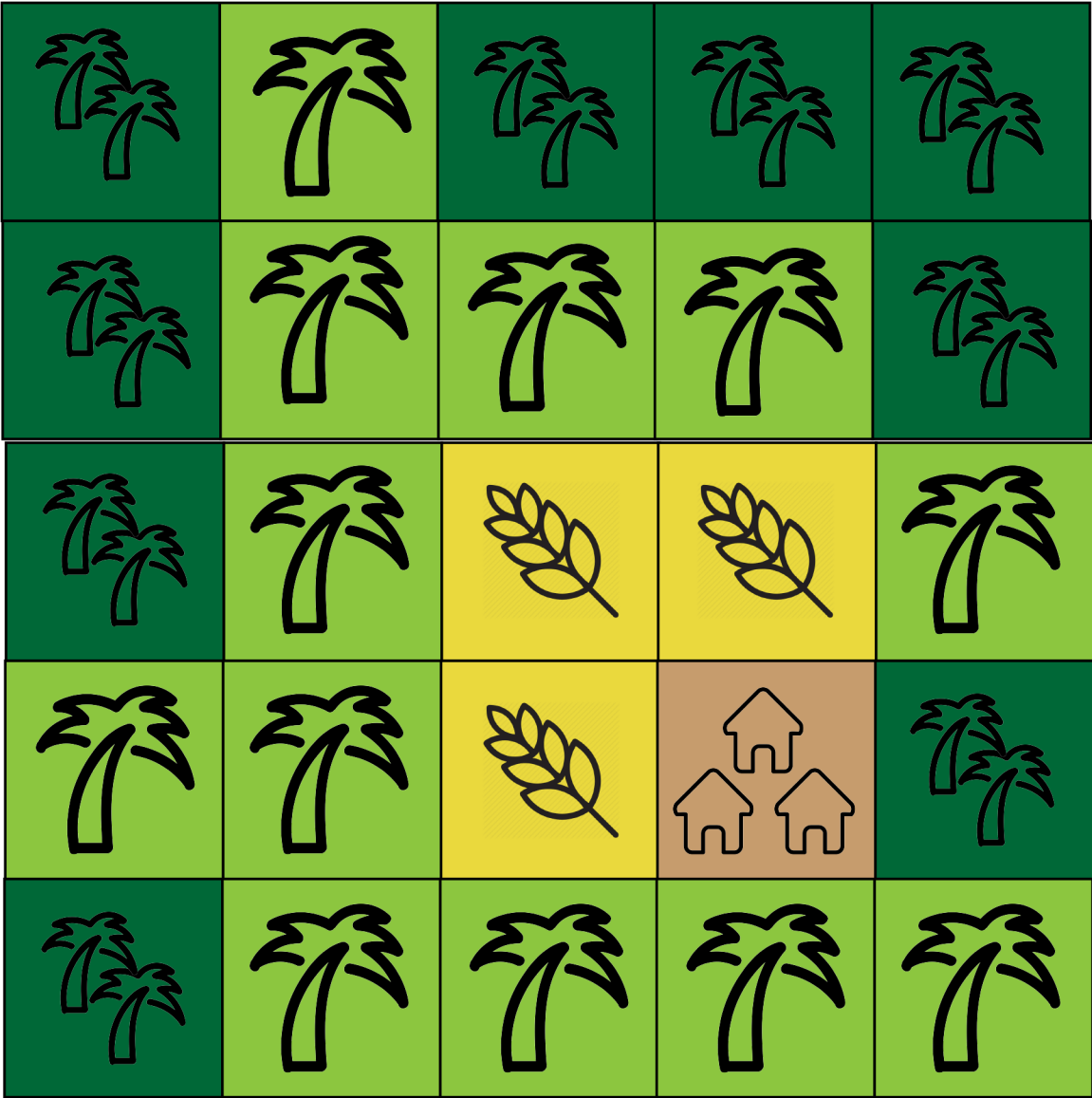














Protected Forest

Annual Effects Don't Kick in Until You Have 3 Adjacent Protected Forest Pieces

One-Time Effects | Annual Effects


See Land Tile +0 kgCO₂e
Smallholder +\$20 Smallholder +\$20
Conservation -\$200 Conservation +\$200





| | | | | | |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

ANNUAL REPORT

Smallholder Profit

of  on board * 10 = ____

of  on board * 20 = ____

of  on board * 20 = ____




of ODD bonus rolls * 80 = ____

TOTAL = \$ ____

Company Profit

of  on board * 500 = ____

of  on board * 1000 = ____

TOTAL = \$ ____

Conservationist Profit

of  on board * 400 = ____



TOTAL = \$ ____

Emissions

of RSPO certified  on board * 2000 = ____

of RSPO certified  &  on board * 3000 = ____

of uncertified  &  on board * 6000 = ____

TOTAL = ____ kgCO₂e

Smallholder

Keep track of your current savings in the space below.

Update anytime you earn or lose money - including annual reports.

Company

Keep track of your current savings in the space below.

Update anytime you earn or lose money - including annual reports.

Conservationist

Keep track of total kgCO₂e in the space below.

Update anytime land is converted or annual emissions are calculated.

380 Game Debrief Questions

Who has the most money? Anyone have more than X...

- What was your strategy? Why? (Do for all 3 characters)
- For Smallholders:
 - What if RSPO certification was free(funded by gov/RSPO)?
 - What if instead of an EVEN you had to role a SIX to not get caught? (Increased enforcement).
- For Company
 - What if instead of an EVEN, the conservationist could role anything less than SIX and have successful campaign? (Increased public awareness).
- For Conservation Company
 - What was the best strategy for limiting emissions (protecting land OR funding RSPO certification)?
- What other game rules could be changed that would have changed your strategy?

For each character:

- What was your strength/leverage?
 - Smallholders = control all land.
 - Do you think Smallholders have this much control of their land in the real world?
 - Tricked – often cant read or write.
 - Conservationists = campaigns.
 - Do you think conservation campaigns typically have as big of an effect on company activity?
 - Companies = money.
 - Does that seem to be the case in the real world?

For entire class:

- What assumption does this game make? How do these differ from what we currently see in the real world? How would the game change if we made different assumptions...
 - About the effectiveness of environmental campaigns?
 - About the effectiveness of RSPO enforcement?
- What is the value of an RSPO label? Can we trust it? Does it matter if your snacks are RSPO certified?
- Why is it important to consider stakeholder perspectives?
- How can RSPO further engage smallholders?What are strengths and weaknesses of a market based approach like the RSPO?